

April 19, 2005 from Brian Kramer, Superintendent of Collection Waste Water

We only have comments on the below amendments.

05007 - NW 70th and West Superior

There is a 21" line which ends at the middle of the NW70th/NW56th/Superior/Adams section. While this line has capacity there are some issues downstream. Specifically the siphon at Mathis and NW42nd has capacity issues as well as farther downstream. WW has undertaken a study to look at the entire Oak Creek drainage basin area, looking at capacity, acres and deficiencies. The outcome of this study will be a timetable for future new infrastructure construction and current infrastructure deficiency repairs. The study should be done by fall of 2005.

05008 - SouthWest area

According to the Lincoln Wastewater Facility plan (April 2003) there is a need for 5,300 lf of 24" to serve the Tier I areas in Haines Branch. The 24" line would replace the existing 12" line which is flat, shallow and at capacity. The cost for the 24" line is approximately \$1,250,000. This brings the line to approximately Folsom and Prospector Court. Approximately 2 more miles of extended trunk sewer 21" would be needed to reach this area. The cost for this would be approximately \$ 1,056,000. Total cost of 2.36 million. There is no project in the Haines Branch basin in the current version of the proposed 2005/2006 CIP in the first six years.

All estimates are based on preliminary engineering, subject to change and based upon 2005 dollars. In 11/12 dollars at 3% inflation the estimate would be approximately 2.9 million. The completion of current year CIP projects are dependent upon user fee increases and future CIP funding will also be tied to rate increases.

05009 - N.56th and I-80

There is no capacity available to serve this area from the closest sanitary line, the existing 60" from 56th to the NETP, on the south side of Salt creek. Capacity is not available until either the Little Salt Creek Trunk is installed or Stevens Creek phase III -Regents Height connection (09/10 & 10/11 in current version of the proposed 2005/2006 CIP). The Little Salt Creek Trunk line from 49th and Alvo to the NETP, is shown in year 08/09 of the current version of the proposed 2005/2006 CIP in the amount of 2.78 million. This area then could be served by a sub-basin trunk from (56th and Alvo) to (56th and North of I-80), approximately 4,200 lf of 12" line, plus a bore of I-80. The cost of this sub-basin sanitary sewer would be approximately \$500,000, this is not shown in the CIP.

All estimates are based on preliminary engineering, subject to change and based upon 2005 dollars. If this area is zoned commercial/industrial and a high water use generator is planned then a larger sub-basin trunk line may be necessary. In 11/12 dollars at 3% inflation the sub-basin estimate would be approximately .62 million. The completion of current year CIP projects are dependent upon user fee increases and future CIP funding will also be tied to rate increases.

Call with any questions

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